# VOLUME 43, 2005

## CONTENTS

### Number 1


*Rapid publication*

A.C.H. Lee, T.J. Bussey, E.A. Murray, L.M. Saksida, R.A. Epstein, N. Kapur, J.R. Hodges and K.S. Graham — 1 — Perceptual deficits in amnesia: challenging the medial temporal lobe 'mnemonic' view

*Papers*

F. Perrin, P. Maquet, P. Peigneux, P. Ruby, C. Degueldre, E. Balteau, G. Del Fiore, G. Moonen, A. Luxen and S. Laureys — 12 — Neural mechanisms involved in the detection of our first name: a combined ERPs and PET study

D.A. Nowak, J. Hermsdörfer, D. Timmann, K. Rost and H. Topka — 20 — Impaired generalization of weight-related information during grasping in cerebellar degeneration

M.H. Fischer — 28 — Action simulation for others is not constrained by one's own postures

A. Holländer, M.C. Corballis and J.P. Hamm — 35 — Visual-field asymmetry in dual-stream RSVP*

S. Ferber, G.K. Humphrey and T. Vilis — 41 — Segregation and persistence of form in the lateral occipital complex*

S. Butler, I.D. Gilchrist, D.M. Burt, D.I. Perrett, E. Jones and M. Harvey — 52 — Are the perceptual biases found in chimeric face processing reflected in eye-movement patterns?

D.J. Done and B.B. Hajilou — 60 — Loss of high-level perceptual knowledge of object structure in DAT

J.T. Devlin, M.F.S. Rushworth and P.M. Matthews — 69 — Category-related activation for written words in the posterior fusiform is task specific

T. Giovannetti, L.J. Buxbaum, I. Biran and A. Chatterjee — 75 — Reduced endogenous control in alien hand syndrome: evidence from naturalistic action

M. Brass, J. Derrfuss and D.Y. von Cramon — 89 — The inhibition of imitative and overlearned responses: a functional double dissociation

H. Bibby and S. McDonald — 99 — Theory of mind after traumatic brain injury*

T. Chaminade, A.N. Meltzoff and J. Decety — 115 — An fMRI study of imitation: action representation and body schema*

S. Coulson and R.F. Williams — 128 — Hemispheric asymmetries and joke comprehension*

J. Coney — 142 — Word frequency and the lateralization of lexical processes*


### Number 2

Special Issue
Movement, Action and Consciousness: Toward a Physiology of Intentionality.
A Special Issue in Honour of Marc Jeannerod


*Editorial*

A. Sirigu and J.-R. Duhamel — 149 — Movement, action and consciousness: toward a physiology of intentionality. A special issue in honour of Marc Jeannerod

*Review*

H. Sakata, K.-I. Tsutsui and M. Taira — 151 — Toward an understanding of the neural processing for 3D shape perception

Y. Rossetti, P. Revol, R. McIntosh, L. Pisella, G. Rode, J. Danckert, C. Tilikete, H.C. Dijkerman, D. Boisson, A. Vighetto, F. Michel and A.D. Milner — 162 — Visually guided reaching: bilateral posterior parietal lesions cause a switch from fast visuomotor to slow cognitive control


Papers accepted for publication by the outgoing Editor-in-Chief M. Moscovitch are indicated with the following symbol: *
Papers accepted for publication by the outgoing Editor-in-Chief A.D. Milner are indicated with the following symbol: †

*Review*
M. Zago and F. Lacquaniti — 178 — Cognitive, perceptual and action-oriented representations of falling objects

T. Schenk, A. Ellison, N. Rice and A.D. Milner — 189 — The role of V5/MT+ in the control of catching movements: an rTMS study

L.M. Parsons, J. Sergent, D.A. Hodges and P.T. Fox — 199 — The brain basis of piano performance

J.S. Cant, D.A. Westwood, K.F. Valyear and M.A. Goodale — 216 — No evidence for visuomotor priming in a visually guided action task

H. Johnson and P. Haggard — 227 — Motor awareness without perceptual awareness

A. Farnè, A. Iriki and E. Làdavas — 238 — Shaping multisensory action–space with tools: evidence from patients with cross-modal extinction

J.N. Wood, S.G. Romero, K.M. Knutson and J. Grafman — 249 — Representation of attitudinal knowledge: role of prefrontal cortex, amygdala and parahippocampal gyrus

*Review*
S.-J. Blakemore and C. Frith — 260 — The role of motor contagion in the prediction of action

*Perspective*
M.A. Arbib and T.N. Mundhenk — 268 — Schizophrenia and the mirror system: an essay

E. Daprati, D. Nico, A. Saimpont, N. Franck and A. Sirigu — 281 — Memory and action: an experimental study on normal subjects and schizophrenic patients

*Theoretical Note*
G. Coricelli — 294 — Two-levels of mental states attribution: from automaticity to voluntariness

*Perspective*
M. Jeannerod and P. Jacob — 301 — Visual cognition: a new look at the two-visual systems model

Number 3

*Rapid publication*
P.G. Hepper, D.L. Wells and C. Lynch — 313 — Prenatal thumb sucking is related to postnatal handedness

*Papers*
A. Schnider, V. Treyer and A. Buck — 316 — The human orbitofrontal cortex monitors outcomes even when no reward is at stake

E. Vinckenbosch, F. Robichon and S. Eliez — 324 — Gray matter alteration in dyslexia: converging evidence from volumetric and voxel-by-voxel MRI analyses

H. Backlund, C. Morin, A. Ptito, M.C. Bushnell and H. Olausson — 332 — Tactile functions after cerebral hemispherectomy

H. Ruge, M. Brass, I. Koch, O. Rubin, N. Meiran and D.Y. von Cramon — 340 — Advance preparation and stimulus-induced interference in cued task switching: further insights from BOLD fMRI

R.A. McCarthy, M.D. Kopelman and E.K. Warrington — 356 — Remembering and forgetting of semantic knowledge in amnesia: a 16-year follow-up investigation of RFR

D.J. Grelotti, A.J. Klin, I. Gauthier, P. Skudlarski, D.J. Cohen, J.C. Gore, F.R. Volkmar and R.T. Schultz — 373 — fMRI activation of the fusiform gyrus and amygdala to cartoon characters but not to faces in a boy with autism*

S.A. Weems and E. Zaidel — 386 — The effect of response mode on lateralized lexical decision performance*

D.T. Stuss, M.P. Alexander, T. Shallice, T.W. Picton, M.A. Binns, R. Macdonald, A. Borowiec and D.I. Katz — 396 — Multiple frontal systems controlling response speed*

R. West and J. Krompinger — 418 — Neural correlates of prospective and retrospective memory*

M. Yamada, T. Murai, W. Sato, C. Namiki, T. Miyamoto and Y. Ohigashi — 434 — Emotion recognition from facial expressions in a temporal lobe epileptic patient with ictal fear*

M. Garcia-Alloza, F.J. Gil-Bea, M. Diez-Ariza, C.P.L.-H. Chen, P.T. Francis, B. Lasheras and M.J. Ramirez — 442 — Cholinergic–serotonergic imbalance contributes to cognitive and behavioral symptoms in Alzheimer's disease

A. Negrotti, C. Secchi and M. Gentilucci — 450 — Effects of disease progression and L-dopa therapy on the control of reaching-grasping in Parkinson's disease

C. Reverberi, A. Lavaroni, G.L. Gigli, M. Skrap and T. Shallice — 460 — Specific impairments of rule induction in different frontal lobe subgroups

*Note*

G. Badzakova-Trajkov, J.P. Hamm and K.E. Waldie — 473 — The effects of redundant stimuli on visuospatial processing in developmental dyslexia*

Number 4

*Rapid publication*

S. Steinvorth, B. Levine and S. Corkin — 479 — Medial temporal lobe structures are needed to re-experience remote autobiographical memories: evidence from H.M. and W.R.*

*Papers*

D. van Roon, B. Steenbergen and R.G.J. Meulenbroek — 497 — Trunk use and co-contraction in cerebral palsy as regulatory mechanisms for accuracy control

M.S. Tata and L.M. Ward — 509 — Spatial attention modulates activity in a posterior "where" auditory pathway*

C.J. Reese and J. Stiles — 517 — Hemispheric specialization for categorical and coordinate spatial relations during an image generation task: evidence from children and adults*

S. Geeraerts, C. Lafosse, E. Vandenbussche and K. Verfaillie — 530 — A psychophysical study of visual extinction: ipsilesional distractor interference with contralesional orientation thresholds in visual hemineglect patients

S. Geeraerts, K. Michiels, C. Lafosse, E. Vandenbussche and K. Verfaillie — 542 — The relationship of visual extinction to luminance-contrast imbalances between left and right hemifield stimuli

T. Mell, H.R. Heekeren, A. Marschner, I. Wartenburger, A. Villringer and F.M. Reischies — 554 — Effect of aging on stimulus-reward association learning

J. Vauclair and J. Donnot — 564 — Infant holding biases and their relations to hemispheric specializations for perceiving facial emotions

J.L. Brooks, Y. Wong and L.C. Robertson — 572 — Crossing the midline: reducing attentional deficits via interhemispheric interactions*

P.A. Gooding, C.L. Isaac and A.R. Mayes — 583 — Prose recall and amnesia: more implications for the episodic buffer*

Y. Xu, J. Liu and N. Kanwisher — 588 — The M170 is selective for faces, not for expertise*

B. Treccani, T. Torri and R. Cubelli — 598 — Is judgement of line orientation selectively impaired in right brain damaged patients?

S.J. Martin, L. de Hoz and R.G.M. Morris — 609 — Retrograde amnesia: neither partial nor complete hippocampal lesions in rats result in preferential sparing of remote spatial memory, even after reminding

K. Hartmann, G. Goldenberg, M. Daumüller and J. Hermsdörfer — 625 — It takes the whole brain to make a cup of coffee: the neuropsychology of naturalistic actions involving technical devices

P. Marí-Beffa, A.E. Hayes, L. Machado and J.V. Hindle — 638 Lack of inhibition in Parkinson's disease: evidence from a lexical decision task

V.M. Rosen, T. Sunderland, J. Levy, A. Harwell, L. McGee, C. Hammond, D. Bhupali, K. Putnam, J. Bergeson and C. Lefkowitz — 647 Apolipoprotein E and category fluency: evidence for reduced semantic access in healthy normal controls at risk for developing Alzheimer's disease*

## Number 5

*Papers*

D.L. Greenberg, H.J. Rice, J.J. Cooper, R. Cabeza, D.C. Rubin and K.S. LaBar — 659 Co-activation of the amygdala, hippocampus and inferior frontal gyrus during autobiographical memory retrieval*

G. Vingerhoets, E. Vermeule and P. Santens — 675 Impaired intentional content learning but spared incidental retention of contextual information in non-demented patients with Parkinson's disease

K. Laimgruber, G. Goldenberg and J. Hermsdörfer — 682 Manual and hemispheric asymmetries in the execution of actual and pantomimed prehension

K. Douville, J.L. Woodard, M. Seidenberg, S.K. Miller, C.L. Leveroni, K.A. Nielson, M. Franczak, P. Antuono and S.M. Rao — 693 Medial temporal lobe activity for recognition of recent and remote famous names: an event-related fMRI study*

K.B. Walhovd, A.M. Fjell, I. Reinvang, A. Lundervold, B. Fischl, D. Salat, B.T. Quinn, N. Makris and A.M. Dale — 704 Cortical volume and speed-of-processing are complementary in prediction of performance intelligence

E. Ben-Artzi, L. Fostick and H. Babkoff — 714 Deficits in temporal-order judgments in dyslexia: evidence from diotic stimuli differing spectrally and from dichotic stimuli differing only by perceived location*

I. Keller, I. Schindler, G. Kerkhoff, F. von Rosen and D. Golz — 724 Visuospatial neglect in near and far space: dissociation between line bisection and letter cancellation

T. Sommer, M. Rose, C. Weiller and C. Büchel — 732 Contributions of occipital, parietal and parahippocampal cortex to encoding of object-location associations

V. Venkatraman, D. Ansari and M.W.L. Chee — 744 Neural correlates of symbolic and non-symbolic arithmetic*

G. Sartori, L. Lombardi and L. Mattiuzzi — 754 Semantic relevance best predicts normal and abnormal name retrieval

L.K. Tyler, W. Marslen-Wilson and E.A. Stamatakis — 771 Dissociating neuro-cognitive component processes: voxel-based correlational methodology

M. Calabria and Y. Rossetti — 779 Interference between number processing and line bisection: a methodology

F. Chan, I.T. Armstrong, G. Pari, R.J. Riopelle and D.P. Munoz — 784 Deficits in saccadic eye-movement control in Parkinson's disease*

D. Kemmerer — 797 The spatial and temporal meanings of English prepositions can be independently impaired*

S. Haller, E.W. Radue, M. Erb, W. Grodd and T. Kircher — 807 Overt sentence production in event-related fMRI

E.K. Farran — 815 Perceptual grouping ability in Williams syndrome: evidence for deviant patterns of performance

## Number 6

*Papers*

S.J.G. Lewis, A. Slabosz, T.W. Robbins, R.A. Barker and A.M. Owen — 823 Dopaminergic basis for deficits in working memory but not attentional set-shifting in Parkinson's disease

B.T. Gold, D.A. Balota, M.J. Cortese, S.D. Sergent-Marshall, A.Z. Snyder, D.H. Salat, B. Fischl, A.M. Dale, J.C. Morris and R.L. Buckner — 833 — Differing neuropsychological and neuroanatomical correlates of abnormal reading in early-stage semantic dementia and dementia of the Alzheimer type*

R.J. Garoff, S.D. Slotnick and D.L. Schacter — 847 — The neural origins of specific and general memory: the role of the fusiform cortex*

A.E. Budson, C.S. Dodson, J.M. Vatner, K.R. Daffner, P.M. Black and D.L. Schacter — 860 — Metacognition and false recognition in patients with frontal lobe lesions: the distinctiveness heuristic*

D. Senkowski, S. Röttger, S. Grimm, J.J. Foxe and C.S. Herrmann — 872 — Kanizsa subjective figures capture visual spatial attention: evidence from electrophysiological and behavioral data

E. Jefferies, D. Bateman and M.A. Lambon Ralph — 887 — The role of the temporal lobe semantic system in number knowledge: evidence from late-stage semantic dementia

W.S. Brown, L.K. Paul, M. Symington and R. Dietrich — 906 — Comprehension of humor in primary agenesis of the corpus callosum*

L.J. Buxbaum, S.H. Johnson-Frey and M. Bartlett-Williams — 917 — Deficient internal models for planning hand–object interactions in apraxia*

H.M. Conklin, C.E. Curtis, M.E. Calkins and W.G. Iacono — 930 — Working memory functioning in schizophrenia patients and their first-degree relatives: cognitive functioning shedding light on etiology*

B.U. Forstmann, M. Brass, I. Koch and D.Y. von Cramon — 943 — Internally generated and directly cued task sets: an investigation with fMRI

V.J. Bourne — 953 — Lateralised processing of positive facial emotion: sex differences in strength of hemispheric dominance

M. Eimer, B. Forster, J.V. Velzen and G. Prabhu — 957 — Covert manual response preparation triggers attentional shifts: ERP evidence for the premotor theory of attention

H. Bokura, S. Yamaguchi and S. Kobayashi — 967 — Event-related potentials for response inhibition in Parkinson's disease*

M. Dennis, K. Edelstein, K. Copeland, J. Frederick, D.J. Francis, R. Hetherington, S.E. Blaser, L.A. Kramer, J.M. Drake, M.E. Brandt and J.M. Fletcher — 976 — Covert orienting to exogenous and endogenous cues in children with spina bifida*


## Number 7


*Review*

R.S. Rosenbaum, S. Köhler, D.L. Schacter, M. Moscovitch, R. Westmacott, S.E. Black, F. Gao and E. Tulving — 989 — The case of K.C.: contributions of a memory-impaired person to memory theory*

*Papers*

C.C. Woodruff, J.D. Johnson, M.R. Uncapher and M.D. Rugg — 1022 — Content-specificity of the neural correlates of recollection

S.A. Wylie, J.C. Stout and T.R. Bashore — 1033 — Activation of conflicting responses in Parkinson's disease: evidence for degrading and facilitating effects on response time*

E. Pellicano, L. Gibson, M. Maybery, K. Durkin and D.R. Badcock — 1044 — Abnormal global processing along the dorsal visual pathway in autism: a possible mechanism for weak visuospatial coherence?*

I. Biseul, P. Sauleau, C. Haegelen, P. Trebon, D. Drapier, S. Raoul, S. Drapier, F. Lallement, I. Rivier, Y. Lajat and M. Verin — 1054 — Fear recognition is impaired by subthalamic nucleus stimulation in Parkinson's disease

A. Larsen, S. Kyllingsbæk, I. Law and C. Bundesen — 1060 — Activation in the MT-complex during visual perception of apparent motion and temporal succession

E. Natale, L. Posteraro, M. Prior and C.A. Marzi — 1072 — What kind of visual spatial attention is impaired in neglect?

M. Mühlau, J. Hermsdörfer, G. Goldenberg, A.M. Wohlschläger, F. Castrop, R. Stahl, M. Röttinger, P. Erhard, B. Haslinger, A.O. Ceballos-Baumann, B. Conrad and H. Boecker — 1086 Left inferior parietal dominance in gesture imitation: an fMRI study

N.L. Denburg, D. Tranel and A. Bechara — 1099 The ability to decide advantageously declines prematurely in some normal older persons*

## Number 8

*Papers*

B. Papps, S. Abrahams, P. Wicks, P.N. Leigh and L.H. Goldstein — 1107 Changes in memory for emotional material in amyotrophic lateral sclerosis (ALS)

M.A. Fernandes, M. Moscovitch, M. Ziegler and C. Grady — 1115 Brain regions associated with successful and unsuccessful retrieval of verbal episodic memory as revealed by divided attention*

A.W. Ellis, J. Brooks and M. Lavidor — 1128 Evaluating a split fovea model of visual word recognition: effects of case alternation in the two visual fields and in the left and right halves of words presented at the fovea

C. Guariglia, L. Piccardi, G. Iaria, D. Nico and L. Pizzamiglio — 1138 Representational neglect and navigation in real space

S.P. Woods, C.L. Carey, A.I. Tröster, I. Grant and The HIV Neurobehavioral Research Center (HNRC) Group — 1144 Action (verb) generation in HIV-1 infection*

M.A. Dzulkifli and E.L. Wilding — 1152 Electrophysiological indices of strategic episodic retrieval processing

G. Koch, L. Brusa, M. Oliveri, P. Stanzione and C. Caltagirone — 1163 Memory for time intervals is impaired in left hemi-Parkinson patients

A. Matsumoto, T. Iidaka, M. Nomura and H. Ohira — 1168 Dissociation of conscious and unconscious repetition priming effect on event-related potentials*

P. Marangolo, F. Piras and W. Fias — 1177 "I can write seven but I can't say it": a case of domain-specific phonological output deficit for numbers

S.P. Vecera and A.V. Flevaris — 1189 Attentional control parameters following parietal-lobe damage: evidence from normal subjects*

J.A. Fugelsang and K.N. Dunbar — 1204 Brain-based mechanisms underlying complex causal thinking*

L.K. Fellows and M.J. Farah — 1214 Dissociable elements of human foresight: a role for the ventromedial frontal lobes in framing the future, but not in discounting future rewards*

*Note*

N. Fujinaga, T. Muramatsu, M. Ogano and M. Kato — 1222 A 3-year follow-up study of 'orientation agnosia'

## Number 9

*Papers*

S.H.A. Chen and J.E. Desmond — 1227 Temporal dynamics of cerebro-cerebellar network recruitment during a cognitive task*

R.C. Kadosh, A. Henik, O. Rubinsten, H. Mohr, H. Dori, V. van de Ven, M. Zorzi, T. Hendler, R. Goebel and D.E.J. Linden — 1238 Are numbers special? The comparison systems of the human brain investigated by fMRI*

P. Bartolomeo, A.-C. Bachoud-Lévi, P. Azouvi and S. Chokron — 1249 Time to imagine space: a chronometric exploration of representational neglect

L. Golay, C.-A. Hauert, C. Greber, A. Schnider and R. Ptak — 1258 Dynamic modulation of visual detection by auditory cues in spatial neglect

R.B. Dudas, F. Clague, S.A. Thompson, K.S. Graham and J.R. Hodges — 1266 — Episodic and semantic memory in mild cognitive impairment

C. Papagno and L. Girelli — 1277 — Writing through the phonological buffer: a case of progressive writing disorder

D.T. Smith, S.R. Jackson and C. Rorden — 1288 — Transcranial magnetic stimulation of the left human frontal eye fields eliminates the cost of invalid endogenous cues

A. Senju, Y. Tojo, K. Yaguchi and T. Hasegawa — 1297 — Deviant gaze processing in children with autism: an ERP study*

P.A. Reuter-Lorenz and J.A. Mikels — 1307 — A split-brain model of Alzheimer's disease?. Behavioral evidence for comparable intra and interhemispheric decline*

L. Naccache, S. Dehaene, L. Cohen, M.-O. Habert, E. Guichart-Gomez, D. Galanaud and J.-C. Willer — 1318 — Effortless control: executive attention and conscious feeling of mental effort are dissociable

E. Barbeau, F. Wendling, J. Régis, R. Duncan, M. Poncet, P. Chauvel and F. Bartolomei — 1329 — Recollection of vivid memories after perirhinal region stimulations: synchronization in the theta range of spatially distributed brain areas

F. Clague, R.B. Dudas, S.A. Thompson, K.S. Graham and J.R. Hodges — 1338 — Multidimensional measures of person knowledge and spatial associative learning: can these be applied to the differentiation of Alzheimer's disease from frontotemporal and vascular dementia?

M. Wraga, J.M. Shephard, J.A. Church, S. Inati and S.M. Kosslyn — 1351 — Imagined rotations of self versus objects: an fMRI study*

C.J.A. Moulin, M.A. Conway, R.G. Thompson, N. James and R.W. Jones — 1362 — Disordered memory awareness: recollective confabulation in two cases of persistent déjà vecu*

*Notes*

A. Dubrowski, E.A. Roy, S.E. Black and H. Carnahan — 1379 — Unilateral basal ganglia damage causes contralesional force control deficits: A case study*

N. Levin, T. Ben-Hur, I. Biran and E. Wertman — 1385 — Category specific dysnomia after thalamic infarction: a case-control study*

## Number 10

*Rapid publication*

R. Saxe and A. Wexler — 1391 — Making sense of another mind: The role of the right temporo-parietal junction*

*Papers*

R.M. Joseph, S.D. Steele, E. Meyer and H. Tager-Flusberg — 1400 — Self-ordered pointing in children with autism: failure to use verbal mediation in the service of working memory?*

J.H. Fecteau and J.T. Enns — 1412 — Visual letter matching: Hemispheric functioning or scanning biases?*

E.A. Kensinger and D.L. Schacter — 1429 — Emotional content and reality-monitoring ability: fMRI evidence for the influences of encoding processes*

E.H. Schumacher, M.J. Hendricks and M. D'Esposito — 1444 — Sustained involvement of a frontal–parietal network for spatial response selection with practice of a spatial choice–reaction task*

R. Marsh, G.M. Alexander, M.G. Packard, H. Zhu and B.S. Peterson — 1456 — Perceptual-motor skill learning in Gilles de la Tourette syndrome. Evidence for multiple procedural learning and memory systems*

C.L. Grady, A.R. McIntosh and F.I.M. Craik — 1466 — Task-related activity in prefrontal cortex and its relation to recognition memory performance in young and old adults*

A.R. Giovagnoli, A. Erbetta, F. Villani and G. Avanzini — 1482 — Semantic memory in partial epilepsy: verbal and non-verbal deficits and neuroanatomical relationships

D.L. Greenberg, M.J. Eacott, D. Brechin and D.C. Rubin — 1493 — Visual memory loss and autobiographical amnesia: a case study

R. Varley, P.E. Cowell, A. Gibson and C.A.J. Romanowski — 1503 Disconnection agraphia in a case of multiple sclerosis: the isolation of letter movement plans from language

C. Miniussi, C.A. Marzi and A.C. Nobre — 1514 Modulation of brain activity by selective task sets observed using event-related potentials

M.A. Collins and A. Cooke — 1529 A transfer appropriate processing approach to investigating implicit memory for emotional words in the cerebral hemispheres*

## Number 11

*Papers*

T.D. Punt, M.J. Riddoch and G.W. Humphreys — 1547 Don't think twice, it's all right—contralesional dependency for bimanual prehension movements

M. Hausmann — 1559 Hemispheric asymmetry in spatial attention across the menstrual cycle

S. Forti and G.W. Humphreys — 1568 Cross-modal visuo-tactile matching in a patient with a semantic disorder

G. Winocur, M. Moscovitch, D.A. Caruana and M.A. Binns — 1580 Retrograde amnesia in rats with lesions to the hippocampus on a test of spatial memory

T. Nyffeler, T. Pflugshaupt, H. Hofer, U. Baas, K. Gutbrod, R. von Wartburg, C.W. Hess and R.M. Müri — 1591 Oculomotor behaviour in simultanagnosia: A longitudinal case study

M.B. Miller, M. Valsangkar-Smyth, S. Newman, H. Dumont and G. Wolford — 1598 Brain activations associated with probability matching*

E. Rusconi, V. Walsh and B. Butterworth — 1609 Dexterity with numbers: rTMS over left angular gyrus disrupts finger gnosis and number processing

K.E. Forbes-McKay, A.W. Ellis, M.F. Shanks and A. Venneri — 1625 The age of acquisition of words produced in a semantic fluency task can reliably differentiate normal from pathological age related cognitive decline

G. Gainotti — 1633 The influence of gender and lesion location on naming disorders for animals, plants and artefacts

T. Ganel, K.F. Valyear, Y. Goshen-Gottstein and M.A. Goodale — 1645 The involvement of the "fusiform face area" in processing facial expression

N. Bolognini, F. Rasi and E. Làdavas — 1655 Visual localization of sounds

D.A. Wolk, D.L. Schacter, A.R. Berman, P.J. Holcomb, K.R. Daffner and A.E. Budson — 1662 Patients with mild Alzheimer's disease attribute conceptual fluency to prior experience

D. Fernandez-Duque and S.E. Black — 1673 Impaired recognition of negative facial emotions in patients with frontotemporal dementia*

C.W. Nordahl, C. Ranganath, A.P. Yonelinas, C. DeCarli, B.R. Reed and W.J. Jagust — 1688 Different mechanisms of episodic memory failure in mild cognitive impairment*

## Number 12

1699 Publisher's note

1700 Editorial note

*Papers*

L. Auclair, J. Isabelle, D. Olivier, L. David and S. Eric — 1701 Deficit of preparatory attention in children with frontal lobe epilepsy†

M.J. Herrmann, A.-C. Ehlis, A. Wagener, C.P. Jacob and A.J. Fallgatter — 1713 Near-infrared optical topography to assess activation of the parietal cortex during a visuo-spatial task†

T. Manly, V.B. Dobler, C.M. Dodds and M.A. George — 1721 Rightward shift in spatial awareness with declining alertness†

C.T. McMillan, R. Clark, P. Moore, C. Devita and M. Grossman — 1729 Neural basis for generalized quantifier comprehension*

T.L. MacKay, L.S. Jakobson, D. Ellemberg, T.L. Lewis, D. Maurer and O. Casiro — 1738 Deficits in the processing of local and global motion in very low birthweight children

R.L. Doty and K.-L. Kerr — 1749 Episodic odor memory: Influences of handedness, sex, and side of nose

M. Debbané, B. Glaser, M. Gex-Fabry and S. Eliez — 1754 Temporal perception in velo-cardio-facial syndrome†

P.D. Radoeva, J.D. Cohen, P.M. Corballis, T.G. Lukovits and S.G. Koleva — 1763 Hemispheric asymmetry in a dissociation between the visuomotor and visuoperceptual streams*

J.S. Simons, A.M. Owen, P.C. Fletcher and P.W. Burgess — 1774 Anterior prefrontal cortex and the recollection of contextual information†

C. Richard, M. Rousseaux and J. Honoré — 1784 The egocentric reference deviation of neglect patients is influenced by visuospatial attention†

S.J. Crutch, J.D. Warren, L. Harding and E.K. Warrington — 1792 Computation of tactile object properties requires the integrity of praxic skills†

M. Longcamp, J.-L. Anton, M. Roth and J.-L. Velay — 1801 Premotor activations in response to visually presented single letters depend on the hand used to write: a study on left-handers†

J.P. Aggleton, S.D. Vann, C. Denby, S. Dix, A.R. Mayes, N. Roberts and A.P. Yonelinas — 1810 Sparing of the familiarity component of recognition memory in a patient with hippocampal pathology†

K.S. LaBar, D.C. Torpey, C.A. Cook, S.R. Johnson, L.H. Warren, J.R. Burke and K.A. Welsh-Bohmer — 1824 Emotional enhancement of perceptual priming is preserved in aging and early-stage Alzheimer's disease*

D. Saint-Amour, C.D. Saron, C.E. Schroeder and J.J. Foxe — 1838 Can whole brain nerve conduction velocity be derived from surface-recorded visual evoked potentials? A re-examination of Reed, Vernon, and Johnson (2004)

1845 Letter to the Editor†

## Number 13

*Papers*

M.A. Bellgrove, Z. Hawi, A. Kirley, M. Gill and I.H. Robertson — 1847 Dissecting the attention deficit hyperactivity disorder (ADHD) phenotype: Sustained attention, response variability and spatial attentional asymmetries in relation to dopamine transporter (DAT1) genotype†

E. Yehene, N. Meiran and N. Soroker — 1858 Task alternation cost without task alternation: Measuring intentionality*

T.M.C. Lee, H.-L. Liu, K.N. Hung, J. Pu, Y.-b. Ng, A.K.Y. Mak, J.-H. Gao and C.C.H. Chan — 1870 The cerebellum's involvement in the judgment of spatial orientation: A functional magnetic resonance imaging study

K.K. Zakzanis, R. Mraz and S.J. Graham — 1878 An fMRI study of the Trail Making Test

F. Blondin and M. Lepage — 1887 Decrease and increase in brain activity during visual perceptual priming: An fMRI study on similar but perceptually different complex visual scenes

A.A. Stevens and K. Weaver — 1901 Auditory perceptual consolidation in early-onset blindness

S.D. Smith, M.J. Dixon, M.B. Bulman-Fleming, C. Birch, N. Laudi and B. Wagar — 1911 Experience with a category alters hemispheric asymmetries for the detection of anomalies

A. Brancucci, C. Babiloni, P.M. Rossini and G.L. Romani — 1916 Right hemisphere specialization for intensity discrimination of musical and speech sounds†

C. Reverberi, S. D'Agostini, M. Skrap and T. Shallice — 1924 Generation and recognition of abstract rules in different frontal lobe subgroups†

E.A.A. Rameckers, B.C.M. Smits-Engelsman and J. Duysens — 1938 Children with spastic hemiplegia are equally able as controls in maintaining a precise percentage of maximum force without visually monitoring their performance†

C.S. van Meel, J. Oosterlaan, D.J. Heslenfeld and J.A. Sergeant — 1946 Telling good from bad news: ADHD differentially affects processing of positive and negative feedback during guessing†

O. Després, V. Candas and A. Dufour — 1955 Spatial auditory compensation in early-blind humans: Involvement of eye movements and/or attention orienting?†

L.K. Tyler, E.A. Stamatakis, B. Post, B. Randall and W. Marslen-Wilson — 1963 Temporal and frontal systems in speech comprehension: An fMRI study of past tense processing†

C. Lancelot, P. Ahad, M. Noulhiane, D. Hasboun, M. Baulac and S. Samson — 1975 Loss of memory for auditory–spatial associations following unilateral medial temporal-lobe damage†

Number 14

*Papers*

C. Henry, R. Gaillard, E. Volle, J. Chiras, S. Ferrieux, S. Dehaene and L. Cohen — 1983 Brain activations during letter-by-letter reading: A follow-up study

S.K. Shook, E.A. Franz, C.I. Higginson, V.L. Wheelock and K.A. Sigvardt — 1990 Dopamine dependency of cognitive switching and response repetition effects in Parkinson's patients*

M. Dennis, K. Edelstein, J. Frederick, K. Copeland, D. Francis, S.E. Blaser, L.A. Kramer, J.M. Drake, M. Brandt, R. Hetherington and J.M. Fletcher — 2000 Peripersonal spatial attention in children with spina bifida: Associations between horizontal and vertical line bisection and congenital malformations of the corpus callosum, midbrain, and posterior cortex*

R. Werth and K. Seelos — 2011 Restitution of visual functions in cerebrally blind children†

B. Jemel, M. Pisani, L. Rousselle, M. Crommelinck and R. Bruyer — 2024 Exploring the functional architecture of person recognition system with event-related potentials in a within- and cross-domain self-priming of faces*

M. Corbetta, A.P. Tansy, C.M. Stanley, S.V. Astafiev, A.Z. Snyder and G.L. Shulman — 2041 A functional MRI study of preparatory signals for spatial location and objects*

S.M. Ravizza, M. Behrmann and J.A. Fiez — 2057 Right parietal contributions to verbal working memory: Spatial or executive?*

L. Katz, C.H. Lee, W. Tabor, S.J. Frost, W.E. Mencl, R. Sandak, J. Rueckl and K.R. Pugh — 2068 Behavioral and neurobiological effects of printed word repetition in lexical decision and naming*

N. Mashal, M. Faust and T. Hendler — 2084 The role of the right hemisphere in processing nonsalient metaphorical meanings: Application of Principal Components Analysis to fMRI data*

C.F. Altmann, W. Grodd, Z. Kourtzi, H.H. Bülthoff and H.-O. Karnath — 2101 Similar cortical correlates underlie visual object identification and orientation judgment†

P. Khader, M. Heil and F. Rösler — 2109 Material-specific long-term memory representations of faces and spatial positions: Evidence from slow event-related brain potentials†

A.M. Harris, B.C. Duchaine and K. Nakayama — 2125 Normal and abnormal face selectivity of the M170 response in developmental prosopagnosics

I Volume 43, 2005, Contents, Author Index and Keyword Index